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1881.

PERRY & ROBINSON'S

ELEVENTH ANNUAL

Seed Catalogue.



OUR PREMIUM FLAT DUTCH.

41 & 43 WARREN AND 13 E. FAYETTE STS.

SYRACUSE, N. Y.

SYRACUSE, N. Y.:

MASTERS & STONE, PRINTERS AND BOOKBINDERS.

—1881.—

FREINDS:—

We are now prepared to pay you our annual visit, and hope as many of our friends as have found it profitable, "with all their acquaintances," will return our call either in person or upon paper. It is with gratitude we greet you this year. From the very many flattering reports we have received, and the few complaints we have heard, we are confident our seeds gave general satisfaction, and we place the past year's business upon record as the most satisfactory since our organization.

We are obliged to report a scarcity in some of the leading varieties of seeds. Onion seed, Celery, Salsify, Egyptian Beet and nearly every variety of Peas are short, and you may look for higher prices before the season is over. We advise our customers to buy early in order to secure reliable seed at present prices. We reserve the right to change prices according to market without notice to customers, but in all cases will try to please you and supply seed at their value.

We have a stock of extra fine Sweet Corn, Mangle Wurzel and Sugar Beet seed, Little Gem and Advancer Peas, and our favorite improved Brunswick Cabbage, &c. We hope a careful perusal of our little catalogue will prove a pleasure to you and a profit to us both. Thanking you for past favors we are

Very Respectfully Yours,

PERRY & ROBINSON.

Seeds by Mail.

To any part of the United States, at one cent per ounce, or any fractional part thereof.

The maximum weight of packages which may be sent through the mails at this rate is limited to four pounds.

Seeds by mail to Canada, one cent per ounce, in packages of not over one pound.

None of our customers need go without any seeds desired, as we send by mail, post paid, any small parcels of seeds ordered. Any person, not a customer, can be supplied by sending the money with their orders. Small sums can be remitted in postage stamps as change.

Number of Plants produced from one Ounce of Seed as follows:

	PLANTS.		PLANTS.
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 2,000	Lettuce.....	" 3,000
Cauliflower.....	" 2,000	Pepper.....	" 2,000
Celery.....	" 3,000	Tomato.....	" 3,000
Egg Plant.....	" 1,000	Sage.....	" 1,000
Endive.....	" 3,000	Thyme.....	" 5,000

Number of Plants to the Acre at the following distances apart:

Distance Apart.	No. of Plants to the Acre.	Distance Apart.	No. of Plants to the Acre
1 ft. by 1 ft.	43,560	6 ft. by 6 ft.	1,210
1½ " 1½ "	19,360	8 " 8 "	680
2 " 1 "	21,780	9 " 9 "	537
2 " 2 "	10,890	10 " 10 "	435
2½ " 2½ "	6,969	12 " 12 "	302
3 " 1 "	14,520	15 " 15 "	193
3 " 2 "	7,260	18 " 18 "	134
3 " 3 "	4,840	20 " 20 "	103
4 " 4 "	2,722	25 " 25 "	70
5 " 5 "	1,742	30 " 30 "	48

Quantity of Seeds Required for a Given Number of Plants or Number of Hills, or Length of Drills.

Asparagus.....	1 oz. to 60 ft. drill	Parsnip.....	1 oz. to 200 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, Dwarf.....	1 qt. to 100 hills	Pumpkin.....	2 qts. per acre
Beans, Pole.....	1 qt. to 150 hills	Radish.....	1 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Salsify or V. Oyster.....	1 oz. to 70 ft. drill
Cucumber.....	1 lb. per acre	Spinach.....	1 oz. to 100 ft. drill
Corn.....	1 qt. to 400 hills	Squash, Early.....	1 oz. to 50 hills
Water Melon.....	1 oz. to 30 hills	Squash, Marrow.....	1 oz. to 16 hills
Musk Melon.....	1 oz. to 60 hills	Turnip.....	1 oz. to 150 ft. drill
Onion.....	1 oz. to 100 ft. drill		

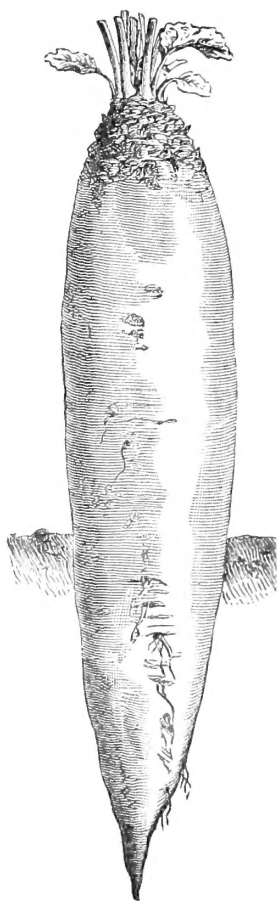
ASPARAGUS.

Per Package, Five Cents.

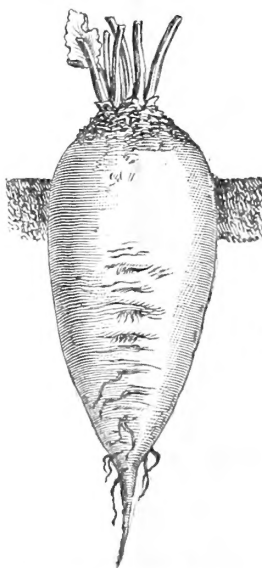
	Per oz.	Per lb.
Conovers' Colossal.....	\$0 10	\$0 75
Roots of ".....per 100,	\$1 25	

BEET.

Egyptian Turnip, extra early.....	10	1 00
Bassano, early.....	10	50
Red Scarcity.....	10	50
Dewing's Extra Early Blood Turnip Beet...	10	60
Improved long blood.....	10	50
Long Red Mangel.....		40
White Sugar, Fred Knauer's Variety.....		50
Perfection, "Yellow," new.....	10	1 00
Yellow Ovoid, finest for stock.....	10	50
Yellow Globe Mangel.....		40
Red Globe Mangel.....		40
Lanes' Imperial Sugar.....	10	60
Norbition Giant.....	10	50
Swiss Chard.....	10	60



Long Red Mangel.



White Sugar Beet.



Yellow Ovoid Beet.
(Fine for Cattle.)

BIRD SEED.

Add 16 cents per pound by Mail.

Canary.....	10
Hemp.....	10
Rape.....	10
Millet.....	10
Maw.....	25

BEANS.—“Bush.”

Add 30 cents per quart for Beans by Mail.

	Per qt.
Early Burt.....	\$0 20
“Dwarf Snap or Bush”.....	20
Early Yellow, 6 weeks.....	20
Early Yellow, Long, 6 weeks.....	20
Valentine.....	20
Mohawk, one of the earliest.....	20
China Red Eye.....	20
Rachel.....	20
Refugee.....	20
Newington Wonder.....	20
White Kidney.....	20
White Marrow.....	20
White Wax, Yellow Pods.....	25
Black Wax, “ “.....	25
Golden Wax, “ “.....	40

BEANS.—“Pole or Runners.”

Black Wax, Yellow Pod.....	25
Giant Wax.....	50
Lima.....	40
Sieva Lima.....	50
Cranberry.....	40
Case Knife.....	20
Scarlet Runner.....	60
White Runner.....	40
Brown Windsor.....	40

BORECOLE OR KALE.

	Per oz.	Per lb.
Green Curled Scotch.....	\$0 10	\$1 25
Cabbage, Brown or Green.....	10	1 25

BROCOLI.

Early Large, (French).....	30	4 00
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BRUSSELS SPROUTS.

Dwarf, Fine French.....	20	2 00
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BROOM CORN.

	Per bu.
Evergreen.....	4 00
Dwarf.....	4 00

CAULIFLOWER.

	Per oz.
Dwarf Erfurt, first quality, earliest variety.....	2 00
Half Early Paris, large and fine heads.....	1 00
Lenormands, extra large.....	1 00



Winnigstadt.



Our Premium Brunswick, Short Stem.

CABBAGE.

Per Package Five and Ten Cents.

	Per oz.	Per lb.
Henderson, early summer.....	\$0 40	\$4 00
Winnigstadt, heads very hard and early.....	25	2 50
Early Jersey Wakefield.....	40	4 00
Early Ox Heart, French.....	25	2 00
Early York.....	25	2 00
Our premium Brunswick, short stem, best early and late.....	40	4 00
Fotler's Brunswick.....	25	2 50
Late Bergen.....	25	2 00
Flat Dutch, (American Improved).....	25	2 00
Our Premium Flat Dutch. (See 1st page).....	40	5 00
Drumhead, (American Improved).....	25	2 50
Red Dutch, "Erfurt".....	40	4 00
Large Red Dutch.....	30	3 00
Globe Savoy.....	25	3 00
Stone Mason, Drumhead.....	25	3 00
Marblehead Mammoth.....	25	3 00

CARROT.

Early Horn, Scarlet.....	10	1 00
Danvers, (New).....	10	1 25
Half Long, Stump Rooted, excellent variety.....	10	1 00
Long Red Surrey.....	10	80
Long Orange, "first quality".....	10	80
White Belgium, for stock.....	10	80
Altringham, fine for table, and dark color.....	10	80

CELERY.

White Giant, Solid.....	20	2 00
Plein Blanc, "one of the best tall varieties".....	30	3 00
Boston Market.....	40	6 00
Henderson's Dwarf.....	40	6 00
Dwarf Crimson.....	30	3 00
American Dwarf.....	40	6 00
Sandringham "Dwarf".....	40	6 00
Celeriac, "Root Celery".....	20	2 00
Soup.....	10	1 00

CHICCORY.

	Per oz.	Per lb.
Improved, large leaves, for greens.....	\$0 10	\$1 00
Large rooted, for coffee.....	10	1 00

CORN.

Add 30 cents per quart for Corn by Mail.

Price subject to Change.

	Per qt.	Per bu.
Tom Thumb.....	per package only 10 cts.	
Golden Sweet.....	" " "	
Early Adams, not Sweet.....	\$0 25	\$3 00
Extra Early Narragansett.....	25	3 00
Early Darling.....	25	3 00
Early Minnesota, a very early variety.....	25	3 00
Crosby Early.....	25	3 00
Ballard's Red Cob.....	40	
Asylum, large, fine and best second early.....	25	3 00
Brainard's Sugar.....	25	3 00
Egyptian, new.....	25	3 00
Stowell's Evergreen, extra fine, true selected.....	25	3 00
Stowell's Evergreen, for sowing.....		1 75
Mexican Black.....	25	3 00
Hickok's Improved Sugar.....	25	3 00
Mammoth Sugar.....	per ear	25
Best Varieties Field Corn.....		
Silver Lace Pop Corn, ears.....		1 25
Red and White Pop Corn.....		1 25

CORN SALAD.

	Per oz.	Per lb.
Large Round Leaved.....	\$0 10	\$1 00

CRESS.

Cress, Garden Curled.....	10	1 00
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CUCUMBER.

Snake, "ornamental".....	40	
Early Russian, or Brown Netted.....	10	1 00
Early Frame.....	10	80
Early Cluster.....	10	80
White Spine, very best for general use.....	10	80
Long Green.....	10	80
London, or Extra Long Green.....	10	1 00
West India Gherkin.....	25	

EGG PLANT.

Large Purple Egg Plant.....	40
New York Improved.....	50

ENDIVES.

Green Curled Winter.....	20
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HONEY LOCUST.

	Per oz.	Per lb.
Honey Locust, "for Hedges".....		40

KOHL RABI.

White, (above ground).....	20	2 00
Purple, " ".....	20	2 00

LEEK.

Leek.....	20	2 00
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LETTUCE.

Early Curled Simpson.....	25	
" " Silesian.....	25	
Hamilton Market.....	40	
Hanson.....	25	
Batavia Brown.....	25	
India, or Prize Head.....	25	

MUSK MELON.

Surprise, the best.....	10	1 00
Pine Apple.....	10	1 00
Nutmeg, Fine Netted, extra Early green.....	10	1 00
White Japan.....	10	1 00
Casaba.....	10	1 00
Great Western Rough Nutmeg.....	10 cts. per doz. seed	
Large Nutmeg, or Improved Cantelope, very fine.....	10	1 00
Pomegranate, for perfumes.....	40	5 00

WATER MELON.

Phinney's "early, red flesh and solid".....	10	75
Haskell's Extra, large and solid to center.....	20	2 00
Mountain Sweet, old favorite.....	10	75
Mountain Sprout.....	10	75
Black Spanish.....	10	75
Long Island.....	10	75
Ice Cream, "White seeded, nearly round and medium size".....	10	75
Gipsy, White seeded.....	10	75
Scultured seeded.....	10	75
Green Citron, for preserves.....	10	75

MUSHROOM SPAWN.

Per box.....		1 00
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MUSTARD.

White.....	5	25
Brown.....	5	25

NASTURTIIUM.

	Per oz.	Per lb
Tall.....	\$0 20	
Dwarf.....	20	

OKRA.

Dwarf Okra or Gumbo.....	10	
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ONIONS.

Yellow Danvers, ripens early, keeps well.....	30	4 00
Globe Danvers, Gregory Variety.....	30	4 00
Red Weatherfield, large and productive.....	30	4 00
White Silverskin.....	30	4 00
Top Onion, Setts.....	} Market Price.	
Golden, ".....		
Potatoe, ".....		

PARSLEY.

Extra curled.....	10	1 00
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PARSNIP.

Long White.....	10	80
Hollow Crown, best for general use.....	10	80
Sutton's Student.....	10	80

PEPPER.

Bell, or Oxheart, rind thick.....	25	3 00
Cayenne.....	25	3 00
Mountain Sweet, used for stuffed pickles.....	25	3 00

PEAS.

Wrinkled varieties marked thus*. Add 30 cents per quart for Peas by mail.

We make a specialty of Peas. Most of the choice varieties we offer to the trade are from seed hand picked, and furnished by us to the growers; therefore we consider them perfectly reliable.

	Per qt.	Per bu.
Forty-Two Day, the best Extra Early.....	\$0 40	\$8 00
Dexter.....	25	7 00
*Alpha.....	40	9 00
Philadelphia Extra Early.....	25	7 00
Caractacus, Extra Early, 3 ft.....	25	7 00
Carter's first crop, 2½ ft.....	25	7 00
Improved Daniel O'Rourke, 2½ ft.....	25	7 00
Blue Peter, 1 ft.....	40	8 00
Tom Thumb, 8 inches.....	40	8 00
*McLean's Little Gem, very fine, popular, 1 ft.....	30	8 00
*McLean's Advancers, true, long pods, fine quality, 2½ ft.....	30	8 00
*Champions, very fine, 4 ft.....	25	6 00
*Yorkshire Hero.....	40	8 00
White Irish Marrowfat, 3 ft.....	20	4 00
Black Eyes (Car-load lots if wanted).....	20	Mar-
Canada Field.....		ket.

POTATOES.

Snowflake, the very best variety.....	} Market Price.
Burbank's Seedling.....	
Early Rose, always popular.....	
Beauty of Hebron.....	
And several other varieties.	

PUMPKIN SEEDS.

	Per qt.	Per bu.
Connecticut Field.....	\$0 10	\$2 00

RADISH.

	Per oz.	Per lb.
Early Scarlet Turnip, quick growers.....	\$0 10	\$0 80
Early Scarlet, Olive Shape.....	10	1 00
White, Olive Shape.....	10	1 00
French Breakfast, true.....	10	1 00
Short Top Scarlet.....	10	80
Scarlet Chinese Rose Winter, favorite fall variety.....	10	1 25
Black Spanish Winter.....	10	80
White Spanish Winter Giant.....	10	1 25
Gray Long, Winter, new and fine.....	10	1 00
Large Russian, White Winter.....	25	3 00

SALSIFY.

Or Vegetable Oyster.....	20	2 00
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SORREL.

Large Leaved French.....	10	1 00
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SPINACH.

Prickly, fall.....	10	40
Round Leaf, spring.....	10	40
Flanders, large leaf, productive and hardy.....	10	40
New Zealand.....	10	60
Bloomsdale.....	10	60
Savoy Leaved.....	10	60

SORGHUM.

Early Minnesota or Amber Cane.....	25
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SUNFLOWER.

	Per qt.	Per bu.
Tall.....	\$0 10	\$2 00

SQUASH.

	Per oz.	Per lb.
Early Scollop, bush.....	\$0 10	\$1 00
Early Crook-neck, bush.....	10	1 00
Crook-neck Winter.....	10	1 00
Hubbard.....	10	1 00
Boston Marrow.....	10	1 00
Butman.....	10	1 00
Turben.....	10	1 00
New Essex Hybrid, very productive.....	20	2 00
New Marblehead.....	10	1 00
Seeds from Mammoth Squash, weight 148 pounds.....	10	doz.

TOBACCO SEED.

Connecticut.....	40	4 00
Glesner, broad leaf, best wrapper grown.....	1 00	12 00
Wilson's Hybrid.....	2 00	

TOMATO.

Acme, Finest for Market Gardners, true.....	25	3 00
Canada Victor.....	25	3 00
Red Smooth.....	25	3 00
Trophy, large and solid.....	25	3 00
Hathaway Excelsior.....	25	3 00
Conquer.....	25	3 00
Arlington.....	25	3 00
Hubbard's Curled Leaf.....	25	3 00

TURNIP.

White Norfolk.....	10	80
Golden Ball or Orange Jelly.....	10	80
Early Stone.....	10	80
Long Green Tankard.....	10	80
Red Top Strap Leaf or Purple Top.....	10	80
White Dutch.....	10	80
Yellow Aberdeen.....	10	80
White Sweet Waldo, one of the finest Ruta Baga, true.....	10	80
Skirving's Ruta Baga, Purple Top.....	10	80
Carter's improved Swede Yellow.....	10	80
Laing's Improved Swede.....	10	80

SWEET HERBS.

	Paper.	Per lb.
Sage, (English).....	\$0 05	\$3 00
Rue.....	05	
Balm.....	05	
Sweet Marjoram.....	05	
Summer Savory.....	05	
Rosemary.....	05	
Lavender.....	05	
Thyme.....	05	
Sweet Fennel.....	05	
Saffron.....	05	
Caraway.....	05	

Grass Seeds and Clover.

We Import all the fine Grasses, White Clover, etc., for lawns, and offer them to the trade at the lowest market price.

Creeping Bent Grass, or <i>Agrostis Stolonifera</i>	
Red Top Grass, or <i>Agrostis Vulgaris</i>	
Crested Dogstail, <i>Cynosurus Cristatus</i>	
Orchard Grass, or <i>Dactylis Glomerata</i> (14 lbs.)	
Hungarian Grass, or <i>Panicum Germanicum</i>	
German Millet	
Timothy, or <i>Phleum Pratense</i>	
Italian Rye Grass, or <i>Lolium Italicum</i> , (1st quality)	
English Rye Grass or <i>Lolium Perenne</i> (1st quality)	
Rye grass, English, Pacey's, very fine and short, extra quality, for lawns.	
Wood Hair Grass, or <i>Aira Fluxuosa</i>	
Extra clean Blue Grass, or <i>Poa Pratensis</i>	
Meadow Fescue, or <i>Festuca Pratensis</i>	
Sweet Scented Vernal Grass, or <i>Anthoxanthum Odoratum</i>	
Fine mixed Grass Seeds for Lawns	
Fine French Lawn Grass Seeds	

CLOVER.

Alfalfa	
Red Clover	
Red Peavine or Mammoth	
White Dutch	
Alsike or Swedish	
Lucerne	
Yellow Sand	

FOR A LAWN.—Meadow Fescue, 8 lbs.; Crested Dogstail, 5 lbs.; Perennial Rye, 8 lbs.; Kentucky Blue, 6 lbs.; Red Top, 8 lbs.; Sweet Vernal, 2 lbs.; White Clover, 4 lbs.

PERMANENT PASTURE.—Kentucky Blue Grass, 4 lbs.; Orchard Grass, 5 lbs. Meadow Fescue, 6 lbs.; Crested Dogstail, 2 lbs.; Red Top, 5 lbs.; Italian Rye, 5 lbs.; Timothy, 5 lbs.; Medium Clover, 3 lbs.; White Clover, 2 lbs.

MEADOW OR WHAT IS CALLED GRASS LAND.—Timothy, 10 lbs.; Red Top, 3 lbs.; Perennial Rye, 4 lbs.; Italian Rye, 5 lbs.; Alsike Clover, 5 lbs.;

SOW ORCHARD GRASS with Small Clover; it ripens at the same time.

SOW TIMOTHY with Large Clover.

We recommend Kentucky Blue Grass for Pasture. Farmers do not use enough of it in this State.

Orders by Mail Promptly Attended to.

THE ARNAUTKA SPRING WHEAT

Has proven a Superior Variety in every particular. The past season was very unfavorable for spring grain but as far as we can learn the yield was from seven to ten bushels per acre more than the China Tea in the same lots. W. H. Gage & Co. of Fulton, purchased largely of the Arnautka last fall, and inform us that it is an A No. 1 flouring wheat. We make this statement because parties who are not acquainted with it have tried to belittle its flouring qualities.

RUSSIAN WHITE OATS.

We have the following from E. H. Adams, Skaneateles, N. Y.:

"I sowed $7\frac{1}{2}$ bushels of Russian White Oats on five acres of old sod. They yielded 264 bushels of good oats. They stood up well and had a good, stiff growth of straw, but would have yielded better if 2 or $2\frac{1}{2}$ bushels had been sown to the acre as they were very thin on the ground. I consider them a good variety and will sow 20 acres next spring."

Alfred Rose of Penn Yan, says from one ounce of seed which he planted in rows 14 inches apart and 5 to 7 inches apart in the row, one kernel in a place, he raised 157 lbs. From each kernel planted there was 15 to 25 heads and many 30 to 40 heads from one kernel; and many heads 18 to 22 inches long containing 300 to 350 kernels in each head. The product from one kernel was 6 ounces.

G. W. Hicks, Alexander, N. Y., says of the Russian White Oats:

"They yielded about double, with probsters and straw stiff, free from rust, while other oats rusted. Would say that they are the handsomest oats growing I ever saw. I would recommend them to any one as I know them to be boss."

ARNAUTKA.

Morey Gifford, Marrietta, N. Y., says of the Russian White Oats: "I sowed three acres for Mr. Cuddeback, he furnished seed. I was to give him all I got over 40 bushels per acre. About one acre was entirely destroyed by worms. I have 120 bushels for myself and about 75 bushels for Mr C. You cannot recommend them too highly, they will do all that is claimed for them."



FLOWER SEED.

Special Cultural Directions.

Referring to the letters in the fourth column of the Flower Seed List.

A. Sow for succession from April to June, for Summer and Autumn blooming. Prepare the ground by thoroughly digging, adding a good supply of leaf-mould or well-rotted manure, making the surface fine and smooth. Sow thinly, lightly covering.

B. Sow in gentle heat, in a well-drained pot or pan of light soil. Sow thinly and cover lightly with a fine, sandy soil. Shade from bright sunshine, and water, when necessary, through a fine rose watering-pot. Transplant to open ground, when all danger of frost is over. The seed may also be sown in a cold frame in April, for open border in the latter part of May, but will not flower so early. Transplant or thin out before the plants get too large.

C. Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to fairly allow them to develop their growth.

D. Sow in Spring in a well-drained pot or well-prepared hot-bed, of light, peaty, sandy soil. Place in a moderately warm temperature, shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground, after May 10th, for late flowers.

E. Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

F. Sow any season, in a pot prepared as follows: let the pot be one-third full of drainage or broken charcoal; over that rough sittings of mould and the surface with very fine soil, half of which should be composed of fine sharp sand; water with a fine sprinkler; scatter the seed thickly over the surface, covering very lightly; keep from the direct rays of the sun. As soon as the plants show the third leaf, transplant into seed-pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other, they should be transplanted singly into small pots and keep them in a cool, airy part of the greenhouse, near the glass. Re-pot when necessary.

Abbreviations.

h. a. Hardy Annual.

h. p. Hardy Perennial.

g. a. Greenhouse Annual.

h. b. Hardy Biennial.

h.h. a. Half-hardy Annual.

h.h. p. Half-hardy Perennial.

g. p. Greenhouse Perennial.

FLOWER SEED.

No.	NAME.	Du- ra-tion	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
1	Ambronia Umbellata.....	hha	Rose	Trailing	D	5	Abrobia	Verbena-like annuals suitable for rock work and edgings.
2	Acroclinium Roseum.....	ha	Rose	1 ft	E	5	Acrolinium	} Favorite everlasting flower for winter bouquets.
3	Acroclinium Album.....	ha	White	1 ft	E	5	"	} Should be planted in shady location.
4	Adonis Aestivalis.....	ha	Scarlet	1 ft	E	5	Flox Adonis	Splendid plants for clumps or masses, as well as for winter
5	Ageratum Mexicanum.....	hha	Lavender blue	1½ ft	B	5	} Mexican	blooming in pots, and very use-
6	Ageratum Album.....	hha	White	1½ ft	B	5	} Ageratum	ful for bouquets.
7	Agrostemma Coeli-Rosa.....	ha	Rose	1 ft	A	5	Rose of Heaven	A very attractive plant, growing freely in any garden.
8	Alyssum, Sweet.....	ha	White	9 in	E	5	Sweet Alyssum	Very sweet, suitable for beds or edgings.
9	Amaranthus Cruentus.....	ha	Dark Red	4 ft	E	5	Prince's Feather	Ornamental foliage plants of a
10	Amaranthus Caudatus.....	ha	Crimson	3 ft	E	5	Love-lies-Bleeding	graceful and interesting character,
11	Amaranthus Tri-color.....	ha	3 colored	3 ft	E	5	Joseph's Coat	producing a striking effect in the
12	Amaranthus Melancholicus Ruber.	ha	Dark Red	2 ft	E	5		flower garden. Handsome for center of beds or for backing of borders.
13	Ammobium Alatum.....	ha	White	1½ ft	E	5	Ammobium	A useful everlasting for making dried winter bouquets.
14	Antirrhinum.....	hhp	Various	1½ ft	B	3	Snap Dragon	One of our most showy and useful
15	Antirrhinum.....	hhp	"	9 in	B	5	"	border plants, with large, finely shaped flowers of the most brilliant colors, succeeding well in any good garden soil. All the varieties will bloom early the same season.
16	Aquilegia, Fine mixed.....	hp	Various	2 ft	C	5	Columbine	Highly ornamental plants, producing flowers of curious forms.
17	Aster, New Crown.....	ha	Various	1 ft	D	5	Aster	The flowers of this variety have large, white centers.
18	Aster, German Dwarf.....	ha	Various	9 in	D	5	Aster	Moderate sized flower, principally used for edging.

No.	NAME.	Du- ra- ti'n	Color.	Height	Culture	Price.	Common Name	REMARKS.
19	Aster, Fine mixed.....	ha	Various	1½ ft	D	5	Aster	A good collection, suitable for gar- den use.
20	Balsam, Fine Double mixed.....	hha	Various	1½ ft	B	5	Balsam	The soil for all balsams should be of the richest character.
21	Balloon Vine.....	hha	White	8 ft		5	Balloon Vine	A very pretty climbing plant for greenhouse or open ground.
22	Bartonia Aurea.....	ha	Yellow	2 ft	E	5	Golden Bartonia	A free flowering, showy plant.
23	Bellis Perrenis.....	hp	Various	3 ft	C	5	Double Daisy	Seeds from fine German collection.
24	Browallia, Fine mixed.....	hha	Blue and white	1½ ft	D	5		Profuse blooming, summer and autumn plants.
25	Cacalia Cocinea.....	ha	Scarlet	1 ft	E	5	Tassel Flower	Showy for mixed borders. Hand- some for bouquets.
26	Calampelis Scabra.....	hha	Orange	10 ft	D	5		Valuable for trellis work.
27	Calandrina, Fine mixed.....	ha	Various	1 ft	E	5		Especially adapted to sunny situa- tions.
28	Calliopsis, Fine mixed.....	ha	Various	2 ft	E	5	Coreopsis	} Few if any annuals are more use- ful than these. Fine effect in mixed borders and large beds.
29	Calliopsis, Coronata.....	ha	Yellow	2 ft	E	5	"	
30	Canna, Fine mixed.....	hhp	Various	3 to 8 ft	D	5	Indian Shot	Remarkably handsome foliage plants, giving a fine tropical as- pect to the garden. The seeds should be soaked 12 hours be- fore planting.
31	Candytuft.....	ha	White	1 ft	E	5	Candytuft	} Favorite showy annuals for beds or edging.
32	Candytuft.....	ha	Purple	1 ft	E	5	"	
33	Candytuft.....	ha	Crimson	1 ft	E	5	"	
34	Candytuft, Sweet-scented.....	ha	White	1 ft	E	5	"	
35	Candytuft, Fine mixed.....	ha	Various	1 ft	E	5		} Old and popular garden favorite. Fine border perennial. Magnificent feathery flowering plants for the decoration of large beds.
36	Canterbury Bells, Fine mixed.....	hp	White and blue	1 ft	C	5	Canterbury Bells	
37	Carnation Pink, English mixed.....	hhp	Various	2 ft	C	5	Carnations	
38	Celosia Aurea Pyramidalis.....	hha	Golden	3 ft	B	5		
39	Centaurea Cyanus.....	ha	Blue and white	2 ft	E	5	Bachelor's Button	Very showy, free flowering border plant.
40	Centaurea Moschata.....	ha	Various	1 ft	E	5	Sweet Sultan	} Effective in beds or edging.
41	Centranthus, Fine mixed.....	ha	Various	2 ft	E	5		

No	NAMES.	Durability	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
42	Clarkia Elegans, Single mixed...	ha	Various	1 1/2 ft	E	5	Clarkia	Favorite plants, growing freely under most circumstances.
43	Clarkia Elegans, Double mixed...	ha	Various	1 1/2 ft	E	5	Coxcomb	Seeds saved from combs remarkable for their size and symmetry.
44	Coxcomb, Dwarf mixed...	hha	Yellow & crimson	1 ft	B	5	"	Exceedingly pretty, free flowering annual.
45	Coxcomb, Japanese mixed...	hha	Various	2 ft	B	5	"	An old favorite, handsome climber.
46	Collinsia, mixed...	hha	Various	9 in.	E	5	Ipomoea	
47	Convolvulus, Minor mixed...	hha	Tri-color	Trailing	D	5	Morning Glory	
48	Convolvulus Major...	ha	White	10 ft	E	5	"	
49	Convolvulus Major...	ha	Red	10 ft	E	5	"	Very showy plants, producing spikes of richly colored flowers. No garden is complete without a large amount of these beautiful flowers which bloom from seed the first season if started early. Showy perennial. A useful climber. Showy for large beds or mix borders. Very fine flowering plants. Splendid bedding plants. Very pretty, blooming in any situation. Favorite everlasting flower. Deserving of extensive culture.
50	Convolvulus Major...	ha	Blue	10 ft	E	5	"	
51	Convolvulus Major...	hh	Various	10 ft	E	5	"	
52	Delphinium Formosum...	hp	Blue	2 ft	C	5	Bee Larkspur	
53	Dianthus Chinensis...	hp	Various	2 ft	C	5	China Pink	Showy perennial. A useful climber. Showy for large beds or mix borders. Very fine flowering plants. Splendid bedding plants. Very pretty, blooming in any situation. Favorite everlasting flower. Deserving of extensive culture.
54	Dianthus Impetalis...	hp	Various	1 ft	A	5	Imperial Pink	
55	Dianthus Hedewigii...	hp	Various	1 ft	A	5	Japan Pink	
56	Dianthus Laciniatus...	hp	Various	1 ft	A	5	"	
57	Digitalis, Fine mixed...	hp	Various	1 ft	C	5	Fox Glove	Showy for large beds or mix borders. Very fine flowering plants. Splendid bedding plants. Very pretty, blooming in any situation. Favorite everlasting flower. Deserving of extensive culture.
58	Dolichos Lablab...	hp	Purple	2 ft	C	5	Hyacinth Bean	
59	Erysimum, Fine mixed...	hha	Various	10 ft	A	5	California Poppy.	
60	Escholtzia...	ha	Yellow	1 ft	A	5	"	
61	Gaillardia Picta...	hha	Various	9 in	E	5	"	Great curiosities.
62	Gillia Tri-color...	hha	Various	1 1/2 ft	A	5	"	
63	Globe Amaranth...	hha	Purple	2 ft	D	5	"	
64	Godetia, mixed...	hha	Various	1 ft	A	5	Hercules' club	
65	Gourd...	hha	Green	20 ft	E	5	Egg shaped	Everlasting flowers, fine for winter bouquet.
66	Gourd...	hha	White	20 ft	E	5	Mock orange	
67	Gourd...	hha	Orange	20 ft	E	5	Dipper gourd	
68	Gourd...	hha	Green	15 ft	E	5	Sugar trough	
69	Gourd...	hha	Green	15 ft	E	5	Eternal Flower	An old-fashioned favorite. Suitable for hanging baskets or rock work. Prominent for delicate foliage and graceful flowers, finely adapted for trellises.
70	Gourd...	hha	Various	2 ft	A	5	"	
71	Helichrysum, Fine mixed...	ha	Various	2 ft	A	5	"	
72	Hollyhock, Fine mixed...	hp	Various	5 ft	C	5	"	
73	Ice Plant...	hha	White	Trailing	B	5	"	Prominent for delicate foliage and graceful flowers, finely adapted for trellises.
74	Ipomoea Cocinea...	hha	Scarlet	8 ft	D	5	Star Ipomoea	
75	Ipomoea, mixed...	hha	Various	12 ft	B	5	Cypress vine	
76	Ipomoea Cypress vine...	hha	White	12 ft	B	5	"	

No.	NAME.	Dis- tance	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
77	Ipomea Cypress vine.....	hha	Rose	12 ft	B	5	Cypress vine	Especially valuable for bedding purposes.
78	Ipomea Cypress vine, mixed.....	hha	Various	12 ft	B	5	"	An old favorite.
79	Jocobea, fine mixed.....	hha	Various	1½ ft	E	5	"	Useful for covering arbors and trellises.
80	Larkspur, Dwarf Rocket.....	ha	Various	1½ ft	A	5	Hyacinth Larkspur	
81	Lathyrus.....	hp	Pink and white	6 ft	C	5	Everlasting pea	
82	Linum Grandiflorum.....	ha	Scarlet	1 ft	E	5	Scarlet Flax	A tender, ornamental climbing plant.
83	Loasa.....	hha	Orange	10 ft	B	5	"	Well adapted for edging pots or rockery.
84	Lobelia Erinus.....	hha	Deep blue	Trailing	B	5	Lobelia	Showy, herbaceous plants.
85	Lychnis, fine mixed.....	hp	Scarlet	1 to 3 ft	C	5	"	Useful for shrubby borders.
86	Lupinus, fine mixed.....	ha	Various	2 ft	E	5	"	Showy, free flowering border plant.
87	Malope Grandiflora.....	ha	Crimson	2 ft	A	5	"	Profuse blooming variety of plants.
88	Marigold, Double French.....	hha	Light Yellow	2 ft	B	5	"	Very double.
89	Marigold, Double African.....	hha	Orange	2 ft	B	5	"	
90	Marigold, Tagetes Signata Pumilla.....	hha	Brown	2 ft	B	5	"	
91	Marvel of Peru.....	ha	Various	3 ft	A	5	Four o'clock	Free flow'ring, old-fashioned favorite.
92	Mimosa Pudica.....	hha	Yellow	1 ft	B	5	Sensitive plant	Grown as a curiosity.
93	Mignonette.....	ha	White	6 in	A	5	Sweet mignonette	Indispensable in every garden.
94	Myosotis Palustris.....	hp	Blue	6 in	D	5	Forget-me-not	Pretty little perennial.
95	Nasturtium, Dwarf.....	ha	Crimson	1 ft	E	5	"	A most valuable class of plants, as indispensable as Geraniums for summer decoration.
96	Nasturtium, Dwarf.....	ha	Orange	1 ft	E	5	"	
97	Nasturtium, Dwarf.....	ha	Spotted	1 ft	E	5	"	
98	Nasturtium, Dwarf.....	ha	Scarlet	1 ft	E	5	"	
99	Nasturtium, Dwarf mixed.....	ha	Various	1 ft	E	5	"	Interesting, profuse flowering little annual.
100	Nemesia, fine mixed.....	ha	Various	1 ft	A	5	Nemesia	
101	Nemophila, fine mixed.....	ha	Various	1 ft	A	5	Nemophila	A popular, early flowering plant.
102	Nigella.....	ha	Blue and white	1 ft	A	5	Love-in-a-mist	Compact, pretty flower, with curious seed-pods.
103	Pansy, fine mixed.....	hbp	Various	4 in	B	5	Heartsease	Should be placed in a cool situation.
104	Peas, Sweet, mixed.....	ha	Various	4 ft	E	5	Sweet peas	Well-known favorites, exceedingly fragrant and useful for trellises and screens.
105	Peas, Sweet, Painted Lady.....	ha	Rose	4 ft	E	5	"	
106	Peas, Sweet.....	ha	Scarlet	4 ft	E	5	"	
107	Peas, Sweet.....	ha	Black	4 ft	E	5	"	
108	Peas, Sweet.....	ha	White	4 ft	E	5	"	

No.	NAME.	Du- rat'n	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
109	Perilla Nankinensis.	hha	Bronze	2 ft	A	5	Perilla	Rich, bronzed foliage.
110	Petunia, Countess of Ellsmere.	ha	Pink	2 ft	B	5	Petunia	} Very valuable garden favorite. One of the most beautiful annuals, remaining in bloom the entire season, and of the easiest possible culture.
111	Petunia, Blotched and Striped.	ha	Various green	2 ft	B	5	Petunia	
112	Petunia, fine mixed.	ha	Various	2 ft	B	5	Petunia	
113	Phlox Drummondii, White.	ha	White	1 ft	B	5	Drummond's Phlox	
114	Phlox Drummondii, Scarlet.	ha	Scarlet	1 ft	B	5	Drummond's Phlox	
115	Phlox Drummondii, fine mixed.	ha	Various	1 ft	B	5	Drummond's Phlox	
116	Picotee, fine English.	hhp	Various	1 1/2 ft	F	5	Pink	Useful border perennial.
117	Poppy, fine mixed.	ha	Various	2 ft	E	5	Poppy	Showy, free flowering plants with gaudy flowers.
118	Portulacca, fine mixed.	ha	Various	Trailing	D	5	Rose moss	Unrivalled for edgings and beds.
119	Rhodanthe, fine mixed.	hha	Various	1 ft	D	5	Rhodanthe	Valuable everlasting flower.
120	Ricinus, fine mixed.	hha	Various	8 ft	D	5	Caster oil plant	Stately growing annuals with ornamental foliage.
121	Salpiglossis, fine mixed.	hha	Various	2 ft	A	5	Salpiglossis	Highly ornamental, autumn flowering annual.
122	Sanvitalia Procumbens.	ha	Yellow	6 in	D	5	Sanvitalia	Valuable bedding plants.
123	Scabiosa, Tall, mixed.	ha	Various	2 ft	A	5	Mourning Bride	Showy plants for mixed borders, and fine bouquets.
124	Scabiosa, Dwarf, mixed.	ha	Various	1 ft	A	5	Schizanthus	Fern-like foliage and delicate flowers.
125	Schizanthus, fine mixed.	hha	Various	2 ft	A	5	Schizanthus	Fern-like foliage and delicate flowers.
126	Silene Pendula.	ha	Various	1 ft	E	5	Catch-fly	Bright-colored annual, very showy and effective.
127	Stocks, ten weeks, mixed.	hha	Various	1 1/2 ft	B	5	Stock Gilliflower	Unrivalled for edgings and beds.
128	Sweet William, mixed.	hp	Various	1 1/2 ft	C	5	Sweet William	Popular favorite, producing large heads of the richest and most beautiful colored flowers.
129	Sweet William, Hunt's Perfection.	hp	Various	1 1/2 ft	C	5	"	A genus of slender, rapid growing climber.
130	Thunbergia, fine mixed.	hha	Various	4 ft		5	Thunbergia	Adapted to beds, ribbons or edging.
131	Venus's Looking-glass.	ha	Blue	6 in	E	5	Verbenia	Very useful, free flowering plant.
132	Verbena Hybrida, fine mixed.	hhp	Various	Trailing	B	5	Wall-flower	Useful border annual, pretty, bell-shaped flowers. Well-known everlastings of great beauty, val'ble for winter bouquets.
133	Wallflower, fine mixed.	hhp	Various	2 ft	D	5	Whitlavia	
134	Whitlavia, fine mixed.	hha	White and blue	1 ft	A	5	Whitlavia	
135	Xeranthemum, fine mixed.	ha	Various	2 ft	E	5	Straw flower	

No.	NAME.	Durability	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
136	Zea Japonica, Striped Leaved....	ha	Green and white	3 ft	E	5	Striped maize	Very ornamental.
137	Zinnia, Fine Double mixed.....	ha	Various	2 ft	D	5	Zinnia elegans	Valuable bedding annuals, remaining in bloom for a long time.
138	Zinnia, Fine Double Scarlet.....	ha	Scarlet	2 ft	D	5	"	
139	Zinnia, Fine Double Orange.....	ha	Golden yellow	2 ft	D	5	"	
140	Zinnia, Fine Double White.....	ha	White	2 ft	D	5	"	
141	Zinnia, Fine Double Crimson.....	ha	Crimson	2 ft	D	5	"	
ORNAMENTAL GRASSES.								
142	Agrostis Pulchella.....	ha		1½ ft	A	5		Useful for both summer and winter bouquets.
143	Bromus Brizaeformis.....	hp		1 ft	C	5		A beautiful variety with drooping panicles.
144	Briza Maxima.....	ha		1½ ft	A	5	Quaking grass	Large and most beautiful variety.
145	Briza Gracilis.....	ha		1½ ft	A	5	"	Small, very delicate and graceful.
146	Chloris Radiata.....	ha		1½ ft	A	5	"	A curious sort.
147	Coix Lacustris.....	ha		2 ft	A	5	Job's Tears	A much admired, graceful variety.
148	Hordeum jubatum.....	ha		2 ft	A	5	Squirrel tail grass	Lovely, purplish plumes, very fine.
149	Lagurus Ovatus.....	ha		1 ft	A	5	Hair tail grass	Small white plumes.
150	Stipa Pennata.....	hp		2 ft	C	5	Feather Grass	One of the finest.
FLOWER SEED.								
151	Amaranthus Salicifolius.....	hha	Orange Red	3 ft	B	10	Fountain Plant	Ornamental foliage plants, of a graceful and interesting character, producing a striking effect in the flower garden.
152	Aster, Truffant's Peony Flowered.	ha	Various	2 ft	D	15	Aster	The highest type of the peony flowered aster; 18 colors mixed.
153	Aster, New Rose.....	ha	Various	2 ft	D	15	Aster	A beautiful, large-flowered variety; 12 colors mixed.
154	Aster, Giant Emperor.....	ha	Various	2 ft	D	15	Aster	Brilliant and beautiful flowers.
155	Aster, La Superbe.....	ha	Various	1½ ft	D	15	Aster	Very double and of immense size.
156	Aster, Mont Blanc.....	ha	Various	1½ ft	D	25	Aster	Rose, blue and white mixed.
157	Aster, Mont Rose.....	ha	Various	1½ ft	D	25	Aster	Flowers extra fine.
158	Aster, Washington.....	ha	White	2 ft	D	25	Aster	Mixed flowers, extra fine.

A new and magnificent variety.

No.	NAME.	Duration	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
159	Auricula, Extra Quality.....	gp	Various	9 in	F	25	Aster	From seeds saved from an English prize collection.
160	Balsam, Camelia Flower'd, Ex. D'bl.	hha	Various	1½ ft	B	15	Balsam	Ten magnificent double varieties, mixed.
161	Balsam, Rose Flow'ed, Ex. Double.	hha	Various	1½ ft	B	15	Balsam	Twelve splendid varieties, mixed.
162	Balsam, Double White.....	hha	White	1½ ft	B	15	"	The soil for all balsams should be of the richest possible character.
163	Balsam, Atrosanguinea.....	hha	Red	1½ ft	B	15	Balsam	A most beautiful flower, of deep blood-red color.
164	Balsam, Solferino.....	hha	Striped	1½ ft	B	15	Balsam	Striped and streaked with lilac and scarlet on satin white ground.
165	Balsam, Victoria.....	hha	Various	1½ ft	B	15	Balsam	Satiny white, fin'ly spot'd w' scar'l.
166	Bellis Perennis.....	hp	Various	3 in	C	10	Double Daisy	Seed saved from a fine German collection.
167	Carnation Pink (Fine German)...	gp	Various	2 ft	F	25	Carnation	From a celebrated German collec'n.
168	Carnation Pink (Fine Italian)...	gp	Various	1 ft	F	50	"	Saved from a choice Italian collection of named flowers.
169	Calceolaria, Hybrida Grandiflora.	ga	Various	1 ft	F	50	Calceolaria	Our stocks of this favorite greenhouse flower are saved from the finest strains in cultivation.
170	Calceolaria, James's Prize.....	ga	Various	1 ft	F	50	"	
171	Centaurea Candidissima.....	ha	Blue and white	2 ft	E	25	Bachelor's Button	Very showy, free flowering border plants, succeeding in any common garden soil.
172	Centaurea Gymnocarpa.....	ha	Various	1 ft	E	25	Sweet Sultan	
173	Chrysanthemum Indicum, Finest D'l	hhp	Various	2 ft	F	25	Chrysanthemum	Showy for mixed borders. Greenhouse and garden varieties, for autumn decoration.
174	Cineraria, Extra Fine.....	gp	Various	1 ft	F	25	Cineraria	Seeds saved from a celebrated German collection.
175	Clianthus Dampierii.....	hhp	Black and scarlet	Trailing	D	25		Magnificent greenhouse and bedding plant.
176	Cobea Scandens.....	hhp	Purple	20 ft	B	10		Handsome climber.
177	Cyclamen Persicum.....	hhp	Various	6 in	F	25		Beautiful for winter decoration in greenhouse.
178	Dianthus Diadenatus, Finest D'bl.	hp	Various	1 ft	A	15	Diadem Pink	No garden is complete without a large amount of these beautiful flowers, which bloom from seed the first season, if started early.
179	Dianthus Laciniatus, Finest D'bl.	hp	Various	1 ft	A	15	Japan Pink	

No.	NAME.	Du- rati n	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
180	Gloxinia Hybrida, Finest.....	ga	Various	6 in	F	50	Gloxinia	A magnificent collection, deserving of extensive cultivation.
181	Golden Feather.....	ha	Yellow	2 ft	E	15	Golden Bartonia	A free flowering showy plant.
182	Heliotrope, Finest mixed.....	hnp	Purple	2 ft		10		The Heliotrope is almost too well known to need recommendation.
183	Hollyhock, Finest English Double.....	hnp	Various	2 ft	C	10	Hollyhock	An old-fashioned favorite.
184	Ipomea Elegantisima.....	hha	Blueish purple	4 ft	D	10		Very delicate and handsome.
185	Maurandya Barclayana.....	gp	Purple and white	10 ft	F	10	Maurandya	A very neat green-house climber.
186	Mimulus Hybridus, Finest mixed.....	gp	Various	6 in	F	15	Monkey Flower	Valuable for winter flowering in green-houses.
187	Mimulus Moschatus.....	gp	Various	6 in	F	10	Musk Plant	Novelty.
188	Myrsiphilum.....	gp	Green	8 ft	F	25	Boston Smilax	Very fine for conservatory and green-house decoration.
189	Passiflora.....	gp	Blue	10 ft	F	10	Passion Flower	Beautiful green-house climbers.
190	Penstemon.....	hnp	Various	2 ft	B	10	Penstemon	Valuable, hardy, herbaceous plants.
191	Pansy, King of the Blacks.....	hnp	Black	4 in	B	15	Heartsease	Almost coal-black, coming true from seed.
192	Pansy, Sky Blue.....	hnp	Blue	4 in	B	15	Heartsease	With lovely new shades of lig't blue
193	Pansy.....	hnp	Blue-black	4 in	B	15	"	Extra, and very showy.
194	Pansy, Violet, Bordered White.....	hnp	Violet	4 in	B	15	"	With white border, very fine.
195	Pansy.....	hnp	Yellow	4 in	B	15	"	Generally true to color.
196	Pansy.....	hnp	White	4 in	B	15	"	Sometimes slightly marked with red and purple.
197	Pansy, Striped and Marbled.....	hnp	Various	4 in	B	15	Heartsease	Extra, and very showy.
198	Pansy, Gold Margined.....	hnp	Various	4 in	B	15	"	Beautiful col'r w' margin of yellow
199	Pansy, Odier.....	hnp	Various	4 in	B	25	"	Large dark spots on each petal.
200	Pansy, Emperor William.....	hnp	Various	4 in	B	25	"	Extra, and very fine.
201	Pansy, Beauty of St. Osyth.....	hnp	Jet black	4 in	B	15	"	A new English sort, of great beauty.
202	Pansy, Cliveden.....	hnp	Purple	4 in	B	15	"	Very rich, deep purple.
203	Pansy, Great Eastern.....	hnp		4 in	B	15	"	Novelty.
204	Pansy.....	hnp	Mahogany	4 in	B	10	"	Extra fine.
205	Pansy.....	hnp	Bronze	4 in	B	10	"	A splendid novelty.
206	Pansy, Finest English mixed.....	hnp	Various	4 in	B	15	"	From magnificent collection.
207	Pansy, Finest German mixed.....	hnp	Various	4 in	B	15	"	Pansies should be placed in a cool, shady situation.
208	Petunia, finest, Blotch'd and Strip'd.....	ha	Various	2 ft	B	10	Petunia	From Benary's unrivaled collection
209	Petunia, Hybrida Grandiflora....	ha	Various	2 ft	B	25	"	Saved from named flowers.

No.	NAME.	De- ratio	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
210	Petunia, Marginata.....	ha	Various green	2 ft	B	25	Petunia	Green bordered, very peculiar.
211	Petunia, Fimbriata, extra.....	ha	Various	2 ft	B	50	Petunia	Fringed.
212	Petunia, Finest Double.....	hha	Various	2 ft	B	50	Petunia	From Benary's unrivaled collection
213	Phlox, Finest mixed.....	ha	Various	1 ft	B	10	Drum'ond's Phlox	One of the most beautiful of annuals, in bloom the entire season.
214	Portulacca, Finest Double.....	ha	Various	Trailing	D	20	Rose Moss	Unrivaled for edgings and beds. Very desirable for richness of color.
215	Picotee.....	hhp	Various	1 ½ ft	F	50	Picotee	Finest Italian seed.
216	Primula Fimbriata.....	ga	Red	6 in	F	50	Chinese Primrose	Indispensable for winter and spring decoration of green-house and conservatory; our seed is from Benary's choicest collection.
217	Primula Fimbriata.....	ga	White	6 in	F	50		
218	Primula Fimbriata, Fine mixed.....	ga	Mixed	6 in	F	50		
219	Primula Fimbriata, Finest Double.....	ga	Mixed	6 in	F	1 00		
220	Primula Elatior or Polyanthus.....	hhp	Various	1 ft	C	15		
221	Ricinus Duchess of Edinburgh.....	hha	Various	10 ft	D	10	Castor Oil Bean	Stately growing annuals with ornamental foliage, particularly adapted for sub-tropical gardening.
222	Salvia Coccinea, Splendens.....	hha	Scarlet	3 ft	B	10	Salvia, Scarlet	Valuable bedding plants, with stately, brilliant flowers. Salvia
223	Salvia Patens.....	hha	Blue	3 ft	B	25	Salvia, Blue	patens is a very fine blue. Salvia
224	Salvia Argentea.....	hha	Silvery foliage	3 ft	B	10	Salvia	via argentea, is a valuable silvery foliage plant with large leaves.
225	Stocks, early ten-week.....	hha	White	1 ft	B	10	Stock Gilliflower	One of our most important, popular and beautiful flowers, useful for bedding, massing, edging, grouping or ribboning.
226	Stocks, early ten-week.....	hha	Crimson	1 ft	B	10		Popular favorites of the richest and most beautiful colored flowers.
227	Stocks, early ten-week.....	hha	Blue	1 ft	B	10		Ornamental green-house climbers.
228	Stocks, Giant Intermediate.....	hha	Various	1 ½ ft	C	15		
229	Sweet William, Double.....	hp	Various	1 ½ ft	C	10		
230	Tropeolum Canariense.....	hha	Yellow	10 ft	D	10	Canary Bird Fl'wr	It is one of the most popular of all florist's flowers. The most unequalled brilliancy and great variety of its colors, render it one of our most valuable plants.
231	Tropeolum Lobbianum.....	hha	Various	10 ft	F	10	Verbena	Everlasting flowers, useful for winter bouquets.
232	Verbena Hybrida, first quality.....	hhp	Various	Trailing	B	25	Verbena	Valuable for late autumn flowering.
233	Verbena Hybrida, Scarlet Defiance.....	hhp	Scarlet	"	B	25	Verbena	
234	Verbena Hybrida, Alba.....	hhp	White	"	B	25	Verbena	
235	Verbena Hybrida.....	hhp	Auricula eyed	"	B	25	Verbena	
236	Verbena Hybrida.....	hhp	Striped eyed	"	B	20	Verbena	
237	Wallflower, Best Double.....	hhp	Brown and yellow	2 ½ ft	D	10	Wallflower	
238	Zinnia Haageana.....	hhp	Yellow	2 ft	D	20	Zinnia elegans	

No.	NAME.	Dis- tinction	Color.	Height.	Culture	Price.	Common Name.	REMARKS.
239	Adlumia.....	hp	Pink and white	15 ft	E	10	Alleghany vine	Is a pretty biennial climber with pale green foliage. Sow in the spring in a damp, cool place. Transplant in the autumn if possible.
240	Premula Viris.....	hp	Mixed	6 in	F	10	English Cowslip	Seed may be sown in the hot bed and transplanted, or in the open ground in the spring.
241	Myosotis Alba.....	hbp	White	6 in	D	10	Forget me-not	
242	Datura Wrightii.....	hbp	White	3 ft	B	10		Large flowers, pure white at the center, passing into lilac and blue at the border. Very fragrant.
243	Salvia.....	hha	Scarlet	2 ft	B	10		Magnificent bedding plants, loaded with spikes of scarlet flowers from July till October.
244	Althea.....	hp	Various	5 ft	C	10	Mallow	Tree-shaped, blossoms second year, continues for thirty years; does best in moist places.
245	Linaria Cymbalaria.....		White	Vine		15	Kenilworth Ivy	Fine for hanging baskets, edge of window garden, etc. Sometimes called Love-and-Tangle.
246	Honesty.....	hp	White	2 ft	D	5	Satin Flower	Early free flowering plants, interesting for the silver-like tissue of the seed vessels in their matured state, well adapted for grouping with everlasting flowers.
247	Aster, German Quilled.....	hp	Mixed	1½ ft	D	10		Perfectly double quilled flowers, of beautiful mixed colors.

PAMPAS PLUMES.

For Mantel or Church Decoration.

Our stock of this year's California Pampas Plumes has arrived and opens exceedingly fine, every one measuring over 2 ft.


PRICE BY MAIL.—Each 40 cents; per pair 75 cents; four \$1.

POCKET KNIVES—The Largest Assortment in the City.

PLANT FOOD.

FOR HOUSE PLANTS.

FREE FROM OFFENSIVE ODORS.

 Price 20 cts. per package. Per 100 lbs.special.

Sorghum Maple Sugar

--and--
SYRUP PANS.



Price List of Evaporators

Subject to Change without Notice.

Jan., 1881.

New Style, All Metal—Galvanized Iron.

No. 2, 8 ft. long, 40 in. wide on bottom	\$30 00
No. 3, 10 ft. long, " " "	35 00
No. 4, 12 ft. long, " " "	40 00
No. 5, 14 ft. long, " " "	45 00

New Style, All Copper.

No. 2, 8 ft. long, 40 in. wide on bottom	\$70 00
No. 3, 10 ft. long, " " "	85 00
No. 4, 12 ft. long, " " "	100 00
No. 5, 14 ft. long, " " "	115 00
Dampers for Brick Chimneys	1 00
White Rubber Pipe, per foot	25
Saccharometer and Test Cup	1 50

Manufactured from heavy Stock.

Agent for the

Cooley Creamer.

Gold Medal, Paris, 1879.



Butter made by this Process awarded Sweepstakes at International DAIRY FAIR, 1878, and Gold Medal and First Premium at same Fair, 1879. First Premium at Royal Agricultural Exhibition, London, 1879.

It raises all of cream between milkings.

It affords better ventilation.

It requires no milk-room.

It requires less labor.

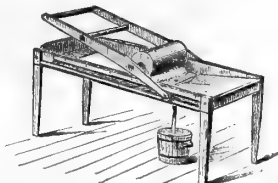
It is more thoroughly made.

Try it.  It is CHEAPER.

THE Eureka Butter Worker.

ROLLING PRESSURE,

(Patented)



Highest Award at the International Dairy Fair at New York, December, 1878.

Price List.

No. 1, Family Size, works from 8 to 10 lbs.	\$ 6 00
No. 2, Dairy Size, " " 10 to 20 lbs.	8 00
No. 3, " " " 25 to 40 lbs.	10 00
No. 4, Factory " " 40 to 60 lbs.	12 00

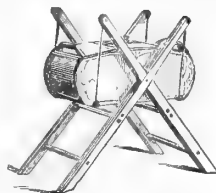
No. 1 has no legs. clamps to table or bench. Full directions for using to be found with each implement.

THE

DAVIS

(PATENTED.)

SWING CHURN.



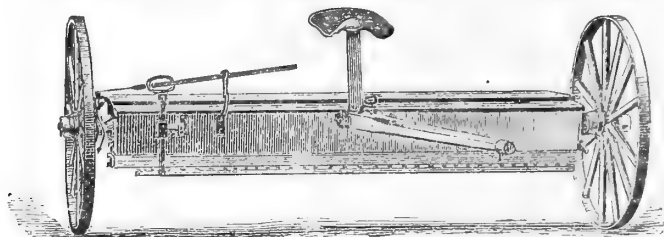
PRICE LIST.

No. 1, capacity 7 gals. will churn 3 gals. or less	\$7.00
No. 2, " 10 " " 5 " "	8.00
No. 3, " 16 " " 8 " "	10.00
No. 4, " 24 " " 12 " "	12.00
No. 5, " 30 " " 15 " "	15.00
No. 6, " 40 " " 20 " "	18.00
No. 7, " 60 " " 30 " "	25.00
No. 8, " 80 " " 40 " "	30.00
No. 9, " 100 " " 50 " "	35.00

Iron Y for attaching power 75 cts. extra. Folding Frames extra \$1.

We are Agents for the following Implements and will furnish them to Farmers at Manufacturer's prices.

SEYMOUR'S NEW AND IMPROVED PLASTER SOWER.



✓ This Machine will sow Guano, Bone Dust, Plaster, Ashes, Salt, Lime and all fertilizers; any quantity per acre, as desired, at the rate of from 25 to 30 acres per day. *It is not designed to sow grain.*

✓ It will sow them as well when *very damp* as when dry, and the quantity per acre can be easily regulated.

✓ Coals in Wood-Ashes and all lumpy substances, not harder than charcoal, are readily crushed or ground while sowing.

✓ *Wet ashes from the leach tub, Hen Manure, &c.,* can be sown in the most perfect manner.

✓ The Machine is perfectly simple, easily managed by the most inexperienced person, and is strong and very durable.

✓ No expense is spared in making the Machine just as it should be.

✓ It sows a breadth of 8 ft. and weighs 325 pounds.

✓ They have been in use for the past ten years, and *not one of them* has failed to give entire satisfaction to the purchaser.

✓ The Machine is furnished with **Thills or Pole.**

✓ It has no Cog-wheel gearing, and is well and beautifully painted, ornamented and striped.

✓ Each Machine, *fully warranted.*

✓ For \$10 A GRASS SEEDER IS ADDED so that CLOVER and TIMOTHY SEED may be sown at the same time as the Fertilizers.

MATTHEWS' GARDEN SEED DRILL.



Improved for the

Season of 1881;

THE BEST GARDEN DRILL IN USE.

Messrs. D. LANDREDTH & SONS, Philadelphia, Pa.

"We have sold the Matthews' Garden Seed Drills for several years, and they have given more general satisfaction to our customers than any Drills we have ever sold. We have one at Bloomsdale that has passed over about one hundred acres in a single season."

G. C. FREEMAN, Esq., Plainfield, N. H.

"The Matthews' Garden Seed Drill gives perfect satisfaction. It does all it is recommended to do. I have used it with different kinds of seeds and find it works just right. It is a sure thing every time."



Albany Corn and Seed Planters.

Awarded the highest Medal at the Centennial as being the best Planter.

THIS PLANTER, at ONE PROCESS, OPENS its furrow, GAUGES, DROPS, COVERS the Seeds, and Rolls them down. ALSO MEASURES and MARKS OFF the distance for the next row or DRILL to be planted.

IT WILL PLANT ALL KINDS OF SEEDS, from Corn, Beans, Peas, etc., to the SMALLEST and varied form of Garden Seeds, in HILLS or DRILLS, at ANY DISTANCE BETWEEN THE SEEDS or HILLS, from one inch to SEVENTY-TWO inches. ALSO MEASURES the QUANTITY of SEEDS to the HILL, DRILL or ACRE.

Any of these changes may be MADE IN FIVE MINUTES' TIME to adapt it to the work required, and the SEEDING ACTION MAY BE INSTANTLY THROWN OUT OF GEAR AND STOPPED, in turning at headlands, or for moving from field to field, by being careful about throwing out of and in gear at the end of the rows. The hills may be made to row both ways. It may be worked by horse or hand.

SAVES ITS COST IN PLANTING FIFTEEN ACRES OF CORN. One man and a horse can plant from seven to ten acres of corn in a day, with the Planter, at a cost of from \$3.50 to \$5.00.

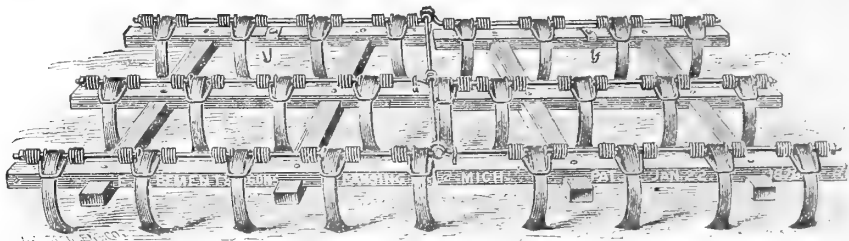
COST TO PLANT FIFTEEN ACRES BY HAND.

Marking both ways, one man and horse, three days at \$3.....	\$ 9 00
Planting, twelve men at \$1.....	12 00
Board for ten extra men, two meals each, at 25 cents.....	5 00
Wasted one bushel of Corn.....	1 00
Total cost by hand.....	\$27 00

Price, Plain Planter, - - - -	\$20 00
Price, Combined Planter and Horse Hoe - -	23 00
With Horse Hoe and Fertilizer, - -	25 00

We also sell the Albany Dog and Sheep Power for Churning, &c.

The Lansing Spring-tooth Harrow.



PRICE \$30.00.

THOUSANDS SOLD ANNUALLY.

We have only space for brief mention, see testimonials.

HART, Mich., Nov. 28, 1879.

E. BEMENT & SONS:—I have used the Kalamazoo Spring-tooth Harrow, the Lansing Spring-tooth Harrow, and although the Kalamazoo Harrow is a splendid tool, I think the Lansing Spring-tooth Harrow is better adapted for all kinds of work.

P. A. HUBBARD & SON.

HART, Mich., Dec. 23, 1879.

E. BEMENT & SONS:—To your inquiry of how I like the Lansing Spring-tooth Harrow, I would say I have used it on my farm for two seasons, and I consider it the greatest improvement of the age. I can do three times as much as with the common harrow.

M. A. LUTHER.

JONESVILLE, Dec. 3, 1879.

E. BEMENT & SONS:—In reply to your inquiry, permit me to say that I am highly pleased with the Spring-tooth Harrow bought of you. It does its work thoroughly, fully equalling the work of two Scotch harrows, such as I had used, and its draft is very light, considering the work performed. One advantage over any other spring-tooth harrow which I ever saw is that the teeth, working independently, do not jump the frame as do those where the tooth is rigidly fixed, on rough or stumpy land, and thus greatly favors the team. I cordially indorse it as the best harrow I ever used.

O. PALMER.

THE IRON TURBINE WIND ENGINE

Manufactured by
MAST, FOOS & CO.

THE superior points of the Iron Turbine are easily comprehended. The entire machine is made of iron. The Wheel and Vanes are made of No. 24 Sheet Iron, well bound and braced with the best quality of wrought bar iron, and so well put together that it is impossible for the wind to tear it to pieces or injure it in any way. The wheel being constructed on the Turbine principle causes it to give more power than any other wheel of the same diameter in the market, and as there is no wood about it to swell, shrink, rattle and be torn to pieces by the wind, it is certainly much more durable. It weighs no more than the ordinary wood wheel, hence there can be no objection on that score. No. 2, Diameter, 10 feet; for wells to 100 feet deep; will pump water for 200 head of stock. Shipping weight 450 pounds.

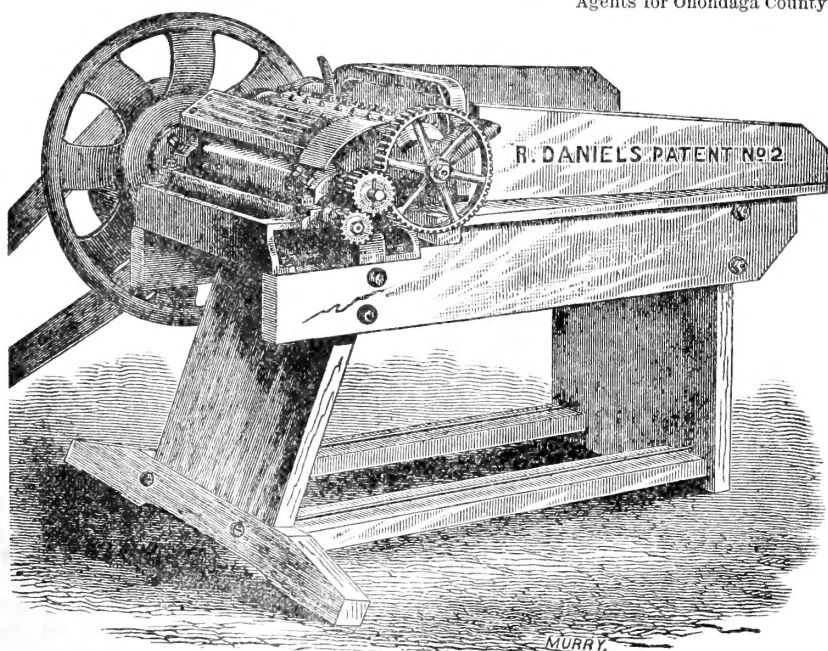
PRICE AT FACTORY \$85.00

We have in stock the No. 2 Mill, also a small Model, in perfect running order.

Parties in want of *Wind Power* will do well to call and examine the Iron Turbine before purchasing. We will furnish full description, with cost of building Derrick, &c., including Pumps, if desired.

PERRY & ROBINSON,

Agents for Onondaga County.

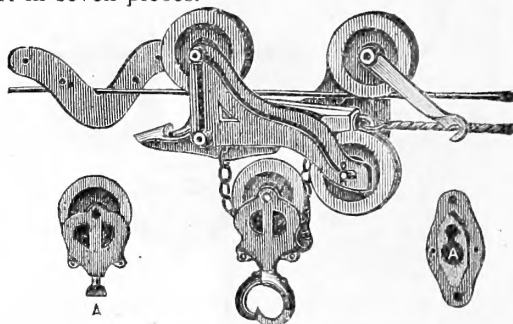


No. 2 Fodder Cutter, 16 in h Knives. Price, \$60.00.

THE BEST IN USE.

C. S. KERSHAW'S NOVELTY HAY ELEVATOR.

This Elevator can be placed on the track or removed without drawing any bolts or moving the wheels, by using movable arms, while all others are taken apart in seven pieces.



This represents the
Fork with its Fangs
cast out, as when
loaded.

Double Harpoon Horse Hay Fork

THE BEST IN THE WORLD.

1009 Sold by us in Four Years.

PERRY & ROBINSON, Syracuse, N. Y.

THE CHILLED HAY FORK PULLEY.

(Patented July 10th, 1877.)



The above represents the parts of **SCOVILL'S PATENT CHILLED HAY FORK PULLEYS**. You will notice the wheels run on cone bearings of Chilled Iron, and not on the bolt as in the case of common iron pulleys, also that any part of these Pulleys can be supplied at any time, if desired.

We have sold these Pulleys three years, and consider them the most economical of any for farmers to use. We have two sizes.

Five inch, or Common size, Price - - - 40c.

Eight inch, or Large size, Price - - - 80c.

A LIBERAL DISCOUNT TO THE TRADE.

PEACE FOR THE HENS.

Use The Medicated Nest Eggs

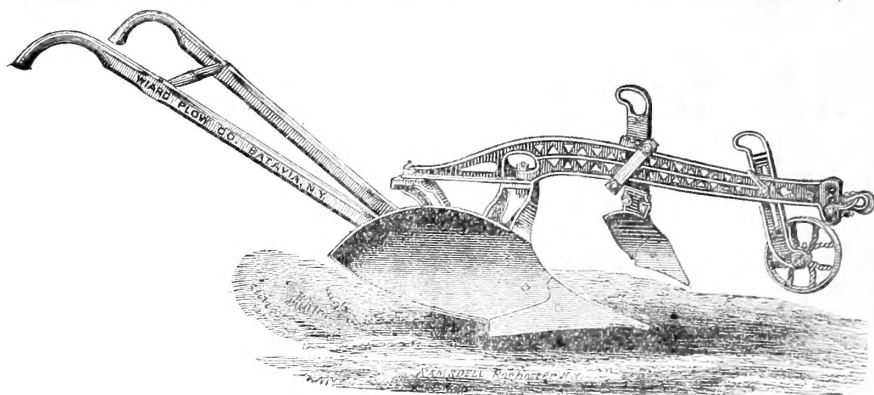
To drive away all Insects, Hen Lice, &c. One of these Eggs used in a nest where a hen is sitting is sure to relieve the hen from any of these pests. They are as hard as stone, make the very best Nest Eggs, and are warranted to do all that is claimed for them.

Price each, 5 Cents. Per Dozen, 50 Cents. Per Gross, \$4.00.

Put up in half-gross and gross boxes. At wholesale or retail. Address

PERRY & ROBINSON.





Wiard's Patent Malleable Iron and Wood Beam Chilled Plows

[NEW 1880 SERIES]

Are offered to the Farmers of the country for the coming season with many valuable improvements.

THE WIARD is the strongest and most durable Plow in the market.

THE WIARD is the best for general purpose work, in both sod and stubble.

THE WIARD has the simplest and most complete adjustment for using two or three horses abreast.

THE WIARD is the best Plow extant for hard clay and stony ground.

THE WIARD rivals all other chilled Plows for cleaning in loose and adhesive soils.

THE WIARD cannot be excelled for lightness of Draft.

Our Malleable Iron Beam is the only practical adjustable metal Beam made; is guaranteed against bending or breaking; is perfectly adjustable for 2 or 3 horses; over 20,000 in use, and not one in a thousand failed.

Our Jointers, Wheels and Handles are all adjustable.

Our Chilled Moldboards excel all others for fineness and uniformity.

Our Plows are warranted to any reasonable extent.

If you are going to buy a new Plow, be sure to give the **WIARD** a trial.

If there is no Agent for the **WIARD** in your vicinity, address.

THE WIARD PLOW CO.

We do not send Plows on commission!

BATAVIA, N. Y.

BUY A FREDERICK'S PATENT EQUALIZER.

NOW NOTE A FEW FACTS.

All who have tried the experiment know they can plow as much ground with two plows drawn by three horses each as you can with three plows drawn by two horses each, because the load is lighter, they move more steadily; they come out at the end of the season less worn.

You will have saved one hand in labor and one plow. You can use horses of uneven strength. You often want to work a colt or weak horse against a strong one. This equalizer adapts itself exactly to the strength of the horse.

COMPARE FACTS WITH FIGURES.

Common Double-Tree costs.....	\$3 00
Common Two-Horse Stretcher costs.....	3 00
Common Three-Horse Equalizer costs.....	5 00

\$11 00

We Give You for \$4.50 in One Article,

A perfect common Double-Tree, a perfect common Two-Horse Stretcher, a perfect Triple-Tree for use without Tongue, a perfect Triple-Tree for use with Tongue, a perfect Three-Horse Stretcher.

You know how cruel the drawing of a reaper or mower is with two horses. Even where there is no side draft, the wobbling from side to side of the tongue distresses the toughest horse. You can see that this side to side motion is entirely removed by pulling the reaper from two points instead of from one point, as with two horses. Three horses can cut one-fifth more grain without changing, than four horses working two abreast. They are easily managed and don't fag. You can, by its use, prevent your horses from becoming balky. The broken harness caused in getting out of mud-holes will supply every farmer in the State with our Equalizer.